

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|----------------------------|------------------|---------|------------------|
| S1 | 86 | ((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors) with ((area) near2 (smaller or less or small))) | USPAT | OR | OFF | 2005/02/16 16:51 |
| S2 | 38 | ((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors) with ((area) near2 (smaller or less or small))) | US-PGPUB | OR | OFF | 2005/02/16 16:51 |
| S3 | 2 | ((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors) with ((area) near2 (smaller or less or small))) | USOCR | OR | OFF | 2005/02/16 16:51 |
| S4 | 6 | ((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors) with ((area) near2 (smaller or less or small))) | EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 17:04 |
| S5 | 0 | ("2004/0076388").URPN. | USPAT | OR | OFF | 2005/02/16 16:58 |
| S6 | 4906 | ((385/49) or (385/88-94) or (398/FOR180) or (398/FOR186) or (398/202-214)).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/16 17:07 |
| S7 | 55 | ((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors or detector or detectors or detecting or photodetecting or photodiode or photodiodes or light-receiving or (light adj receiving)) with ((area or size or width) near2 (core or cores))) | USPAT | OR | OFF | 2005/02/16 17:18 |
| S8 | 23 | ((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors or detector or detectors or detecting or photodetecting or photodiode or photodiodes or light-receiving or (light adj receiving)) with ((area or size or width) near2 (core or cores))) | US-PGPUB | OR | OFF | 2005/02/16 17:22 |
| S9 | 0 | ((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors or detector or detectors or detecting or photodetecting or photodiode or photodiodes or light-receiving or (light adj receiving)) with ((area or size or width) near2 (core or cores))) | USOCR | OR | OFF | 2005/02/16 17:09 |
| S10 | 17 | ((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors or detector or detectors or detecting or photodetecting or photodiode or photodiodes or light-receiving or (light adj receiving)) with ((area or size or width) near2 (core or cores))) | EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 17:09 |

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|-----|------|--|----------------------------------|----|-----|------------------|
| S11 | 21 | S6 and ((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors or detector or detectors or detecting or photodetecting or photodiode or photodiodes or light-receiving or (light adj receiving)) with ((area or size or width) near2 (core or cores)))) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/16 17:22 |
| S12 | 57 | (S7 or S8) not S11 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/16 17:19 |
| S13 | 66 | ((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors or detector or detectors or detecting or photodetecting or photodiode or photodiodes or light-receiving or (light adj receiving)) with (((area or size or width or diameter) near2 (smaller or small or less or equal)) and ((core or cores or cross-section or cross-sectional or diameter or (cross adj section) or (cross adj sectional) or width or area) near2 (fiber or fibers or fibre or fibres or core or cores)))) | US-PGPUB | OR | OFF | 2005/02/16 17:26 |
| S14 | 207 | ((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors or detector or detectors or detecting or photodetecting or photodiode or photodiodes or light-receiving or (light adj receiving)) with (((area or size or width or diameter) near2 (smaller or small or less or equal)) and ((core or cores or cross-section or cross-sectional or diameter or (cross adj section) or (cross adj sectional) or width or area) near2 (fiber or fibers or fibre or fibres or core or cores)))) | USPAT | OR | OFF | 2005/02/17 09:47 |
| S15 | 3 | ((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors or detector or detectors or detecting or photodetecting or photodiode or photodiodes or light-receiving or (light adj receiving)) with (((area or size or width or diameter) near2 (smaller or small or less or equal)) and ((core or cores or cross-section or cross-sectional or diameter or (cross adj section) or (cross adj sectional) or width or area) near2 (fiber or fibers or fibre or fibres or core or cores)))) | USOCR | OR | OFF | 2005/02/16 18:10 |
| S16 | 49 | ((optical or optic) near2 (fiber or fibers or fibre or fibres)) and ((photodetector or photodetectors or detector or detectors or detecting or photodetecting or photodiode or photodiodes or light-receiving or (light adj receiving)) with (((area or size or width or diameter) near2 (smaller or small or less or equal)) and ((core or cores or cross-section or cross-sectional or diameter or (cross adj section) or (cross adj sectional) or width or area) near2 (fiber or fibers or fibre or fibres or core or cores)))) | EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/16 18:10 |
| S17 | 2524 | nishimura.in. and optical.ab. | JPO; DERWENT | OR | OFF | 2005/02/17 09:48 |

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| S18 | 52 | S17 and plastic.ab. | JPO; DERWENT | OR | OFF | 2005/02/17 09:48 |
| S19 | 17 | S18 and fiber.ab. | JPO; DERWENT | OR | OFF | 2005/02/17 09:49 |
| S20 | 1 | S19 and photodiode.ab. | JPO; DERWENT | OR | OFF | 2005/02/17 09:49 |
| S21 | 2 | ((photodiode or photodiodes or photodetector or photodetectors) near2 (array or arrays or arrayed or arraying)) with (spot near2 size) | EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 09:51 |
| S22 | 8 | ((photodiode or photodiodes or photodetector or photodetectors) near2 (array or arrays or arrayed or arraying)) with (spot near2 size) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/17 09:52 |
| S23 | 9 | ((photodiode or photodiodes or photodetector or photodetectors) near2 (array or arrays or arrayed or arraying)) with (core near2 (diameter or size or width or area or cross-section or cross-sectional)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/17 09:55 |
| S24 | 3 | ((photodiode or photodiodes or photodetector or photodetectors) near2 (array or arrays or arrayed or arraying)) with (core near2 (diameter or size or width or area or cross-section or cross-sectional)) | EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 09:52 |
| S25 | 8 | ((photodiode or photodiodes or photodetector or photodetectors) near4 (smaller or less)) with (core near2 (diameter or size or width or area or cross-section or cross-sectional)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/17 09:55 |
| S26 | 2 | ((photodiode or photodiodes or photodetector or photodetectors) near4 (smaller or less)) with (core near2 (diameter or size or width or area or cross-section or cross-sectional)) | EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 10:00 |
| S27 | 20 | ("20020041731" "20020102084" "5278929" "5546212" "5552918" "5555334" "5566265" "5721426" "5997185" "6188495" "6243508" "6252725" "6353491" "6453091" "6454467").PN OR ("6694074").URPN | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/17 09:58 |
| S28 | 0 | ((photodiode or photodiodes or photodetector or photodetectors) near4 (equal)) with (core near2 (diameter or size or width or area or cross-section or cross-sectional)) | EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 10:00 |
| S29 | 1 | ((photodiode or photodiodes or photodetector or photodetectors) near4 (equal)) with (core near2 (diameter or size or width or area or cross-section or cross-sectional)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/17 10:00 |

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| S30 | 1 | ((plurality or multiple) near2 (photodiode or photodiodes or photodetector or photodetectors)) with (core near2 (diameter or size or width or area or cross-section or cross-sectional)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/17 10:01 |
| S31 | 1 | ((plurality or multiple) near2 (photodiode or photodiodes or photodetector or photodetectors)) with (core near2 (diameter or size or width or area or cross-section or cross-sectional)) | EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 10:01 |
| S32 | 14 | ((plurality or multiple) near2 (photodiode or photodiodes or photodetector or photodetectors)) with ((fiber or fibre or spot or core or end-face or endface or face) near2 (diameter or size or width or area or cross-section or cross-sectional)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/17 10:02 |
| S33 | 3 | ((plurality or multiple) near2 (photodiode or photodiodes or photodetector or photodetectors)) with ((fiber or fibre or spot or core or end-face or endface or face) near2 (diameter or size or width or area or cross-section or cross-sectional)) | EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/17 10:02 |

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